PTO/SB/05 (11-00) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY **PATENT APPLICATION TRANSMITTAL**

P00245USF Attorney Docket No. ARNTZEN, Charles J. First Inventor VACCINES EXPRESSED IN PLANTS Express Mail Label No. EL745291157US

APPLICATION ELEMENTS See MFEP chapter 600 concerning utility patient application contents. ADDRESS TO: Applicant Commissioner for Patients ADDRESS TO: Applicant Commissioner for Patients ADDRESS TO: Applicant Commissioner for Patients Washington, DC 20231 7.	(Only for new nonprovisional applications under 37 CFR 1.53	(b)) Expre	ss Mail Label No	o. EL /4:	5291157C	
Computer Program (Appendix) See 37 CFR 1.27. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) See 37 CFR 1.27. Computer Readable Form (CRF) Sep 37 CFR 1.27. Computer Readable Form (CRF) Computer Readable Form (CRF) Sep 37 CFR 1.27. Computer Readable Form (CRF) Sep 37 CFR 1.27. Computer Readable Form (CRF) Computer Readable Form (CRF) Sep 37 CFR 1.27. Computer Readable Form (CRF) Computer Readable Form (CRF) Sep 37 CFR 1.27. Computer Readable Form (CRF) Computer Readable Form (CRF) Co	• • • • • • • • • • • • • • • • • • • •	I	DRESS TO:	Box Pate	ent Applica	tion
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Continuation Cont	See 37 CFR 1.27.		·	• •		⇒ 7
- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. ✓ Drawing(s) (35 U.S.C. 113)	3. (preferred arrangement set forth below)		ш .		•	40
- Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.	- Descriptive title of the invention Cross Reference to Related Applications	b	· <u> </u>		-	₩
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5. Oath or Declaration a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) c. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application information. For Continuation Divisional Continuation-in-part (CIP) Prior application information: Examiner For Continuation Or DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorporated by reference. The incorporation can only be reflect upon when a portion has been inadvertently omitted from the submitted application parts. 19. Correspondence address below Name Name (PrintlType) Prior application No. (Attorney/Agent) 17. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 18. If a CONTINUING Copy of Priority Document(s) (If foreign priority is claimed) 19. Continuation 19. Continuation 19. Continuation of Certification under 35 U.S.C. 122 (b)(2)(B)(B)(B)(Applicant must attach form PTO/SB/35 or its equivalent. 19. Continuation Information Divisional Continuation-in-part (CIP) Of prior application No 19. Continuation No 19. Continuation or divisional application and is hereby incorporated by reference. The incorporation can only be reflect upon when a portion has been inadvertently omitted from the submitted application parts. 19. Correspondence address below Return Receipt Postcard (MPEP 503) (Information (Division Corporation (Period Copy of Priority) Document(s) (Information (Division Certifically in Proporation (Period Copy of Priority) Document(s) (Information (Division Certifically in Proporation (Period Copy of Priority) Document(s) (Information (Division Certifically in Proporation (Period Copy of P	- Abstract of the Disclosure	_ 10	· 🖳 (when there			•
5. Oath or Declaration [Total Pages II]] a. Newly executed (original or copy) b. V Copy from a prior application (37 CFR 1.63 (d)) b. V (for continuation divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.53(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application indo and is hereby incorporated by reference. The incorporation gan only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. Considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation gan only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS City Customer Number or Bar Code Label Name Address City Registration No. (Attorney/Agent) 77, 19 Registration No. (Attorney/Agent) 77, 19 Registration No. (Attorney/Agent) 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19 77, 19	Drawing(s) (35 U.S.C. 113) [Total Sheets 11				_	
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Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Application Data Sheet. See 37 CFR 1.76 17. Other: Power of Attorney. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09 , 676,734	DELETION OF INVENTOR(S)		. Certified Co	nov of Prior	rity Docum	ent(s)
1.63(d)(2) and 1.33(b). (b)(2)(B)(1). Applicant must attach form PTUSB33 or its equivalent. Other: Power of Attorney. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation: Examiner Group Art Unit: 1641 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Name Address City State Zip Code Country Telephone 515-288-3667 Fax 515-288-1338 Name (Printl Type) Registration No. (Attorney/Agent) 37,719	Signed statement attached deleting inventor(s)	1,	Request an	d Certifica	ation under	35 U.S.C. 122
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09 , 676,734 Prior application information: Examiner Group Art Unit: 1641 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under 80x 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS		1"	(b)(2)(B)(i).		must attacl	h form PTO/SB/35
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	Signature Signature	// / / / /		1		July 31, 2001

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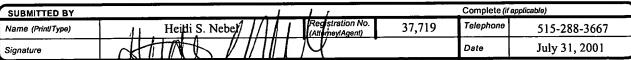
FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 355.00

Complet if Known			
Application Number	cont. of 09/676,734		
Filing Date	July 31, 2001		
First Named Inventor	ARNTZEN, Charles J.		
Examiner Name			
Group Art Unit	1641		
Attorney Docket No.	P00245USF		

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number Deposit Account Name Zarley, McKee, Thomte, Voorhees & Sease Name Zarley, McKee, Thomte, Voorhees & Sease Variety Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27 Payment Enclosed: Variety Check Credit card Money Order Tee Calculation Money Order Tee Calculation 3. ADDITIONAL FEES Small Entity Entity Fee Code (\$) Code (\$) Fee Code (\$) Small Entity Entity Fee Code (\$) Surcharge - late provisional filing fee or cover sheet 127 50 227 25 Surcharge - late provisional filing fee or cover sheet 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for ex parte reexamination 140 290° 112 920° Requesting publication of SIR prior to Examiner action FEE CALCULATION The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Large Fee Fee Fee Fee Fee Fee Code (\$) Surcharge - late provisional filing fee or cover sheet 127 5.0 227 25 Surcharge - late provisional filing fee or cover sheet 139 130 139 130 Non-English specification 140 2,520 147 2,520 For filing a request for ex parte reexamination 141 1,840° 113 1,840° 113 1,840° 113 1,840° Examiner action Examiner action The commissioner is religioner in the code (\$) The code (\$) code (Paid
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1. BASIC FILING FEE 116 390 216 195 Extension for reply within second month	
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107 490 207 245 Plant filing fee 119 310 219 155 Notice of Appeal	
107 490 207 245 Plant filling fee 120 310 220 155 Filling a brief in support of an appeal	
114 150 214 75 Provisional filing fee 121 270 221 135 Request for oral hearing	
138 1,510 Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 355 140 110 240 55 Petition to revive - unavoidable	
2. EXTRA CLAIM FEES 141 1,240 241 620 Petition to revive - unintentional	
Fee from Extra Claims below Fee Paid 142 1,240 242 620 Utility issue fee (or reissue)	
Total Claims 15 -20** = - X 9 = 143 440 243 220 Design issue fee	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Charles Joel Arntzen

Dominic Man-Kit Lam

GROUP NO.:

SERIAL NO.:

08/479,742

§

EXAMINER:

FILED:

June 7, 1995

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FOR:

Vaccines Expressed in Plants

Attorney Docket No.: 1621-00206

Date: August 22, 1996

TRANSMITTAL OF COMBINED DECLARATION AND POWER OF ATTORNEY OF CHARLES J. ARNTZEN

Assistant Commissioner for Patents Washington, DC 20231

Sir:

Transmitted herewith for filing in the above-identified matter is a Combined Declaration and Power of Attorney signed by Charles J. Arntzen, with a copy of the specification, claims, drawings and preliminary amendment attached. By this filing, Dr. Arntzen joins in the prosecution of this application, as provided under 37 C.F.R. § 1.47(b).

Applicants believe that no fee is due as a result of filing this paper. If the Commissioner deems that a fee is owing, please charge the same to Deposit Account No. 03-2769 of Conley, Rose & Tayon, P.C., Houston, Texas.

Respectfully submitted,

CERTIFICATE OF MAILING (37 CFR 1.84)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal e on the date shown below with sufficient postage as First Class U.S. Mell in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

(Signature of person mailing paper)

C. Steven McDaniel

Reg. No. 33,962

Conley, Rose & Tayon, P.C.

P. O. Box 3267

Houston, Texas 77253-3267

(713) 238-8010 Fax (713) 238-8008

ATTORNEY FOR APPLICANTS